

## Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
.....
CREATE TABLE TableName
(
  Column01 DATA_TYPE(Size)
  CONSTRAINT Constraint_Name01 CONSTRAINT_TYPE, --COLUMN Level Syntax OR
In-Line Style
  .
  .
  .
  .
ColumnN DATA_TYPE(Size),
CONSTRAINT Constraint_Name0N CONSTRAINT_TYPE(ColumnN) --TABLE Level
Syntax OR Out-of-Line Style
);
SQL> cl scr
```

```
SQL> CREATE TABLE SampleNN01
2  (
3    SampID NUMBER(2)
4    CONSTRAINT SampleNN01_SampID_NN NOT NULL,
5    SampName VARCHAR2(10)
6    CONSTRAINT SampleNN01_SampName_NN NOT NULL,
7    SampDate DATE
8  );
```

Table created.

```
SQL> INSERT INTO SampleNN01
2  VALUES(1, 'SAMPLE01', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleNN01
2  VALUES(NULL, 'SAMPLE02', SYSDATE);
VALUES(NULL, 'SAMPLE02', SYSDATE)
*
```

```
ERROR at line 2:
ORA-01400: cannot insert NULL into ("SCOTT"."SAMPLENN01"."SAMPID")
```

```
SQL> INSERT INTO SampleNN01
2  VALUES(2, NULL, SYSDATE);
VALUES(2, NULL, SYSDATE)
*
```

---

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.....  
ERROR at line 2:  
ORA-01400: cannot insert NULL into ("SCOTT"."SAMPLENN01"."SAMPNAME")

```
SQL> INSERT INTO SampleNN01
      2  VALUES(2, 'SAMPLE02', NULL);
```

1 row created.

```
SQL> DESC SampleNN01
```

Name	Null?
Type	
-----	-----
SAMPID	NOT
NULL NUMBER(2)	
SAMPNAME	NOT
NULL VARCHAR2(10)	
SAMPDATE	
DATE	

```
SQL> INSERT INTO SampleNN01
      2  VALUES(NULL, NULL, SYSDATE);
VALUES(NULL, NULL, SYSDATE)
      *
```

ERROR at line 2:  
ORA-01400: cannot insert NULL into ("SCOTT"."SAMPLENN01"."SAMPID")

```
SQL> cl scr
```

```
SQL> CREATE TABLE SampleUNQ01
      2  (
      3    SampID NUMBER(2)
      4    CONSTRAINT SampleUNQ01_SampID_UNQ UNIQUE,
      5    SampName VARCHAR2(10),
      6    SampDate DATE
      7  );
```

Table created.

```
SQL> INSERT INTO SampleUNQ01
      2  VALUES(1, 'SAMPLE01', SYSDATE);
```

---

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---

1 row created.

```
SQL> INSERT INTO SampleUNQ01
      2 VALUES(2, 'SAMPLE02', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ01
      2 VALUES(1, 'SAMPLE03', SYSDATE);
INSERT INTO SampleUNQ01
*
```

ERROR at line 1:

ORA-00001: unique constraint (SCOTT.SAMPLEUNQ01\_SAMPID\_UNQ) violated

```
SQL> INSERT INTO SampleUNQ01
      2 VALUES(NULL, 'SAMPLE03', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ01
      2 VALUES(NULL, 'SAMPLE04', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ01
      2 VALUES(NULL, 'SAMPLE05', SYSDATE);
```

1 row created.

```
SQL> cl scr
```

```
SQL> ED
```

Wrote file afile.ct.buf

```
1 CREATE TABLE SampleUNQ02
2 *
3 SampID NUMBER(2),
4 SampName VARCHAR2(10),
5 SampDate DATE,
6 CONSTRAINT SampleUNQ02_SampID_UNQ UNIQUE(SampID)
7* )
```

---

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SQL> /

Table created.

SQL> ED

Wrote file afiedt.buf

```
1 CREATE TABLE SampleUNQ03
2 (
3   SampID NUMBER(2),
4   SampName VARCHAR2(10)
5   CONSTRAINT SampleUNQ03_SampName_UNQ UNIQUE,
6   SampDate DATE,
7   CONSTRAINT SampleUNQ03_SampID_UNQ UNIQUE(SampID)
8* )
SQL> /
```

Table created.

```
SQL> INSERT INTO SampleUNQ03
2 VALUES(1, 'SAMPLE01', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ03
2 VALUES(1, 'SAMPLE02', SYSDATE);
```

```
INSERT INTO SampleUNQ03
```

\*

ERROR at line 1:

ORA-00001: unique constraint (SCOTT.SAMPLEUNQ03\_SAMPID\_UNQ) violated

```
SQL> INSERT INTO SampleUNQ03
2 VALUES(2, 'SAMPLE01', SYSDATE);
```

```
INSERT INTO SampleUNQ03
```

\*

ERROR at line 1:

ORA-00001: unique constraint (SCOTT.SAMPLEUNQ03\_SAMPNAME\_UNQ) violated

SQL> cl scr

SQL> ED

---

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.....  
Wrote file afiedt.buf

```
1 CREATE TABLE SampleUNQ04
2 (
3   SampID NUMBER(2),
4   SampName VARCHAR2(10),
5   SampDate DATE,
6   CONSTRAINT SampleUNQ04_SampID_UNQ UNIQUE(SampID),
7   CONSTRAINT SampleUNQ04_SampName_UNQ UNIQUE(SampName)
8* )
SQL> /
```

Table created.

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1 CREATE TABLE SampleUNQ05
2 (
3   SampID NUMBER(2),
4   SampName VARCHAR2(10),
5   SampDate DATE,
6   CONSTRAINT SampleUNQ05_SampIDName_UNQ
7*  UNIQUE(SampID, SampName)
SQL> /
UNIQUE(SampID, SampName)
```

ERROR at line 7:  
ORA-00907: missing right parenthesis

SQL> RF

SP2-0042: unknown command "RF" - rest of line ignored.

SQL> ED

Wrote file afiedt.buf

```
1 CREATE TABLE SampleUNQ05
2 (
3   SampID NUMBER(2),
4   SampName VARCHAR2(10),
5   SampDate DATE,
```

---

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```
.....
6  CONSTRAINT SampleUNQ05_SampIDNme_UNQ
7  UNIQUE(SampID, SampName)
8* )
SQL> /
```

Table created.

```
SQL> DESC SampleUNQ05
Name
Type
```

Null?

```
-----
SAMPID
NUMBER(2)
SAMPNAME
VARCHAR2(10)
SAMPDATE
DATE
```

```
SQL> INSERT INTO SampleUNQ05
2  VALUES(1, 'SAMPLE01', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ05
2  VALUES(1, 'SAMPLE02', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ05
2  VALUES(1, 'SAMPLE03', SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ05
2  VALUES(1, 'SAMPLE01', SYSDATE);
```

```
INSERT INTO SampleUNQ05
```

```
*
```

ERROR at line 1:

ORA-00001: unique constraint (SCOTT.SAMPLEUNQ05\_SAMPIDNME\_UNQ) violated

```
SQL> INSERT INTO SampleUNQ05
```

---

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```
.....
2  VALUES(2, 'SAMPLE01', SYSDATE);

1 row created.

SQL> INSERT INTO SampleUNQ05
2  VALUES(2, 'SAMPLE02', SYSDATE);

1 row created.

SQL> SELECT * FROM SampleUNQ05;

   SAMPID SAMPNAME   SAMPDATE
-----
1 SAMPLE01  11-AUG-14
1 SAMPLE02  11-AUG-14
1 SAMPLE03  11-AUG-14
2 SAMPLE01  11-AUG-14
2 SAMPLE02  11-AUG-14

SQL> INSERT INTO SampleUNQ05
2  VALUES(3, NULL, SYSDATE);

1 row created.

SQL> INSERT INTO SampleUNQ05
2  VALUES(3, NULL, SYSDATE);
INSERT INTO SampleUNQ05
*
ERROR at line 1:
ORA-00001: unique constraint (SCOTT.SAMPLEUNQ05_SAMPIDNME_UNQ) violated

SQL> INSERT INTO SampleUNQ05
2  VALUES(4, NULL, SYSDATE);

1 row created.

SQL> INSERT INTO SampleUNQ05
2  VALUES(NULL, 'SAMPLE04', SYSDATE);

1 row created.

SQL> INSERT INTO SampleUNQ05
```

---

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```
.....
  2  VALUES (NULL, 'SAMPLE04', SYSDATE);
INSERT INTO SampleUNQ05
*
ERROR at line 1:
ORA-00001: unique constraint (SCOTT.SAMPLEUNQ05_SAMPIDNME_UNQ) violated
```

```
SQL> INSERT INTO SampleUNQ05
  2  VALUES (NULL, NULL, SYSDATE);
```

1 row created.

```
SQL> INSERT INTO SampleUNQ05
  2  VALUES (NULL, NULL, SYSDATE);
```

1 row created.

```
SQL> SPPOOL OFF
```

---

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